

CITY OF TEMPE, ARIZONA
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

CONTRACT FOR PROFESSIONAL SERVICES
FOR
TEMPE TOWN LAKE DOWNSTREAM DAM REPLACEMENT

PROJECT NO. 6504221
ADDENDUM NO. 7

This Addendum made and entered into on the 22ND day of October, 2015, by and between the City of Tempe, an Arizona municipal corporation, ("City") and **Gannett Fleming, Inc.** a Delaware corporation ("Consultant").

R E C I T A L S:

- A. The parties hereto entered into that certain Contract for Professional Services on or about March 22, 2012, (C2012-36), defining certain rights and obligations between the parties in order to provide additional design services along with that certain Addendum No. 1 entered into on June 17, 2014, Addendum No. 2 entered into on December 15, 2015, Addendum No. 3 entered into on January 26, 2015, Addendum No. 4 entered into on February 15, 2015, Addendum No. 5 entered into on April 7, 2015 and Addendum No. 6 entered into on July 17, 2015 (collectively "Contract").
- B. The parties desire to further define their respective rights and obligations with respect to the services of the Contract price.

- C. The parties intend that the following sections shall be integrated into the Contract in place of the former similarly identified section, if any, and that this Addendum be given the full force and effect of law as the Contract.

Now therefore, in consideration of the mutual promises and covenants as more particularly set forth below, the parties do hereby amend the Contract to read as follows:

1. Contract Price. For services described herein, the method of payment shall be payment by installments. **Total compensation for services performed for this addendum shall be the sum of \$289,280.33.** The original Contract amount of \$2,507,741.00; plus the Addendum No. 1, extending the contract term only; plus the Addendum No. 2, in the amount of \$4,017.00; plus Addendum No. 3, in the amount of \$4,017.00; plus Addendum Nos. 4 through 6, extending the contract term only; shall be increased by \$289,280.33, which shall constitute payment in full for all labor, equipment, materials and supplies needed to perform these services.

Cost Analysis:

Professional Services

Initial Contract Amount	\$2,507,741.00
Previous Addenda	\$8,034.00
This Addendum	\$289,280.33
NEW CONTRACT AMOUNT	\$2,805,055.33

2. All other provisions of the Contract where not inconsistent with this Addendum shall remain binding on the parties hereto.

[SIGNATURE PAGE TO FOLLOW]

Tempe Town Lake Downstream Dam Replacement
Project No. 6504221

DATED this 15th day of October, 2015.

CITY OF TEMPE, ARIZONA

By: _____
Mayor

By: _____
Public Works Director

ATTEST:

Recommended By:

City Clerk

APPROVED AS TO FORM:

Am Deputy PW Director/City Engineer

City Attorney

Consultant warrants that the person who is signing this Addendum on behalf of Consultant is authorized to do so and to execute all other documents necessary to carry out the terms of this Addendum.

CONSULTANT
Gannett Fleming, Inc.

Signature

Printed Name

Title

Federal I.D. No./Social Security No.

August 24, 2015

Mr. Chris Kabala, P.E.
Senior Civil Engineer
Engineering Division
31 E. Fifth Street
Tempe, AZ 85281

RE: Tempe Town Lake Downstream Dam Replacement – Design Contract
Final Change Order
Project No. 6504221

Dear Mr. Kabala:

In advanced of the final invoice for the design contract, here is the final change order for the following items also highlighted in the table on page 2 (totaling \$280,170.33). This change order includes the agreed upon additional services and related costs discussed in the November 3rd meeting; Mr. Durkee's November 7th email; Mr. Bessler's subsequent November 10th email; and presented in previous addendums.

Additional Drilling Support

Gannett Fleming provided field support, performed data review and interpretation, and prepared boring logs for ten (10) additional cutoff wall borings performed by Cascade Drilling (contracted by PCL) between March 6th and March 19th of 2014. The lump sum fee for the effort is \$21,580 (see attached cost breakdown).

CM@R Coordination and Project Management

PCL was introduced to the team on January 29, 2013. This task includes the CM@R coordination and project management effort prior to the City's June 8, 2014 Notice-to-Proceed. During that 18 month period, design effort was placed on hold, and we assisted the City with procurement of the CM&R. Those efforts included coordination with the City and PCL; technical support associated with design clarifications; review of contractor construction cost estimates during their contract negotiations with the City; evaluation of design change alternatives; design changes; and numerous meetings scheduled by the City and Contractor. The reduced lump sum fee for the effort is \$130,000 (see attached cost breakdown).

Additional Permitting Packages, Reviews and CM@R Coordination (post-June 8th)

Gannett Fleming prepared additional technical permitting packages, addressed review comments and coordinated with Tempe, ADWR and the CM@R to support advanced construction activities. As requested by the City on 6/8/2014, Gannett Fleming continued working on the additional permitting packages, subsequent reviews, and CM@R coordination. The reduced lump sum fee for this effort is \$100,000 (see attached cost breakdown). The additional permitting and technical packages include:

- 90% Site Preparation Package
- 95% Site Preparation Package
- Final Site Preparation Package
- 90% Foundation Package
- 95% Foundation Package

- Final Foundation Package
- Control Building Columns
- Separate Final Package for the FCD
- Control Building Columns
- Control Building Package and Design Report

Final Permitting Package Comment Resolution

As requested by the City on 6/8/2014, Gannett Fleming continued working on the final permitting package and comment resolution. The lump sum fee for this effort is \$37,700.33 (see attached cost breakdown).

Task 17 (EAP Update)

The EAP Update (Task 17) was excluded from the final design contract invoice because it must occur after the project is constructed. To avoid extending the design contract another 12-months, the EAP Update scope and fee is removed from the design contract with this change order for transfer to the CM contract. Additionally, final plan mylars (per Article 1.5) are transferred to the CM contract. The fee reduction for removing this task is \$9,110.

At the City's request, Gannett Fleming is preparing two final invoices: The first final invoice (dated 3/16/2015) has been paid, and billed out the remainder of the currently authorized fee (minus the EAP update fee); and the second final invoice includes this change order fee of \$289,280.33.

Change Order and Final Invoice Summary Table

Description	Fee	Invoice(s)
Original Contract Fee	\$2,507,741.00	
Change Order 1	\$0.00	
Change Order 2	\$4,017.00	
Change Order 3	\$4,017.00	
Change Order 4	\$0.00	
Previously Invoiced and paid		\$2,366,573.18
3/16/15 paid Invoice (minus \$9,110.00 Task 17 Fee)		\$140,091.82
Final Change Order (No. 6)		
Additional Drilling Support	\$21,580.00	
CM@R Coordination and Project Management	\$130,000.00	
Additional Permitting Packages, Reviews, and CM@R Coordination	\$100,000.00	
Final Permitting Package Comment Resolution	\$37,700.33	
Task 17 (EAP Update)	(\$9,110.00)	
Final Invoice		\$289,280.33
	\$2,795,945.33	\$2,795,945.33

It has truly been a pleasure working with you on this design contract, and we look forward to the successful construction of the dam.



Sincerely,
GANNETT FLEMING, INC.



Stewart S. Vaghti, P.E., CFM
Sr. Project Manager

cc: Andy Goh, P.E., City of Tempe
Dean B. Durkee, Ph.D., P.E., Gannett Fleming, Inc.
A. Frances Ackerman, R.G., P.E., Gannett Fleming, Inc.

Attachments



INVOICE

Project 055656

Date: August 21, 2015

City of Tempe
Attn: Mr. Chris Kabala, P.E., Senior Civil Engineer
Engineering Division
31 East Fifth Street
P.O. Box 5002
Tempe, AZ 85280

GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

P.O. BOX 67100
HARRISBURG, PA 17106-7100
(717) 763-7211



Send check payments to:

Gannett Fleming Companies
P.O. Box 829160
Philadelphia, PA 19182-9160

Federal E.I.N. 251613591

Send ACH/EFT payments to:

ABA: 031312738
Acct No: 5003165655
Acct Name: Gannett Fleming

Invoice: 055656*23

For Professional Services Rendered through: August 18, 2015

Project Manager: Anne F. Ackerman

Final Design

Tempe Town Lake Downstream Dam Replacement, Project No. 6504221; Encumbrance No. 8177449

Total Due This Invoice\$289,280.33



GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

24.0 -- DRILLING SUPPORT

Labor Costs

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Admin	4.00	75.00	300.00
Project Engineer	16.00	135.00	2,160.00
Project Manager	16.00	140.00	2,240.00
Senior Engineer	97.00	165.00	16,005.00
Principal in Charge	4.00	189.00	756.00
Subtotal	117.00		\$ 21,461.00

Total Labor Costs 21,461.00

Expenses

Vehicle Usage	212.5 ML @ 0.560	119.00
Total Unit Costs		\$ 119.00

Total Sequence 24.0 -- DRILLING SUPPORT \$ 21,580.00



GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

27.0 -- CM@R COORDINATION AND PROJECT MANAGEMENT**TIME EXTENSION PROJECT MANAGEMENT AND COORDINATION (JULY 2014 THROUGH DECEMBER 2014)****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Admin	48.00	75.00	3,600.00
Project Engineer	96.00	135.00	12,960.00
Project Manager	48.00	140.00	6,720.00
Principal in Charge	96.00	189.00	18,144.00
Subtotal	288.00		\$ 41,424.00

Total Labor Costs 41,424.00**CAST-IN-PLACE CONCRETE END BLOCK DESIGN CHANGE****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
GIS/CADD	8.00	75.00	600.00
Sr. GIS/CADD	16.00	115.00	1,840.00
Project Engineer	53.00	135.00	7,155.00
Senior Engineer	4.00	165.00	660.00
Principal Engineer	22.00	175.00	3,850.00
Project Manager	4.00	140.00	560.00
Principal in Charge	8.00	189.00	1,512.00
Subtotal	115.00		\$ 16,177.00

Total Labor Costs 16,177.00**CONV CONC FOUNDATION SUBSTITUTION REVIEW AND COORDINATION****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	131.00	135.00	17,685.00
Senior Engineer	6.00	165.00	990.00
Principal Engineer	57.00	175.00	9,975.00
Project Manager	29.00	140.00	4,060.00
Principal in Charge	31.00	189.00	5,859.00
Subtotal	254.00		\$ 38,569.00

Total Labor Costs 38,569.00**REPLACE ACB DESIGN WITH RIP-RAP DESIGN (APRIL 2013)****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Sr. GIS/CADD	16.00	115.00	1,840.00
Project Engineer	8.00	135.00	1,080.00
Lead Design Engineer	2.00	185.00	370.00
Subtotal	26.00		\$ 3,290.00

GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

Total Labor Costs 3,290.00**REVISE RCC SPEC. TO ASSIST PCL W/ PLACEMENT SCHED AND TO REVISE BATCH PLANT LOCATION CNSTRNTS (JUNE 2013)****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	2.00	75.00	150.00
Project Engineer	24.00	135.00	3,240.00
Principal Engineer	2.00	175.00	350.00
Principal in Charge	4.00	189.00	756.00
Subtotal	32.00		\$ 4,496.00

Total Labor Costs 4,496.00**REVISE PLANS AND SPECIFICATIONS TO REPLACE SS WITH GALVANIZED****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Sr. GIS/CADD	8.00	115.00	920.00
Project Engineer	12.00	135.00	1,620.00
Principal Engineer	2.00	175.00	350.00
Subtotal	22.00		\$ 2,890.00

Total Labor Costs 2,890.00**PCL/INQUIP SLURRY WALL MEETING (AUGUST 2013)****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	3.00	135.00	405.00
Project Manager	3.00	140.00	420.00
Principal in Charge	3.00	189.00	567.00
Subtotal	9.00		\$ 1,392.00

Total Labor Costs 1,392.00**REVIEWS AND COORDINATION OF PCL'S WATER DIVERSION AND DEWATERING PLANS FOR ADWR****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	20.00	135.00	2,700.00
Principal in Charge	2.00	189.00	378.00
Subtotal	22.00		\$ 3,078.00

Total Labor Costs 3,078.00

GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

CHANGE SOIL AND CONCRETE QC ROLES DUE TO PCL'S ASSUMPTION LIST (SEPTEMBER 2013)**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	2.00	75.00	150.00
Project Engineer	8.00	135.00	1,080.00
Senior Engineer	8.00	165.00	1,320.00
Principal Engineer	2.00	175.00	350.00
Project Manager	2.00	140.00	280.00
Principal in Charge	2.00	189.00	378.00
Subtotal	24.00		\$ 3,558.00

Total Labor Costs 3,558.00**REVISE CONCRETE JOINTS AND WATER STOPS PER PCL VE REQUESTS (SEPTEMBER 2013)****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
GIS/CADD	4.00	75.00	300.00
Sr. GIS/CADD	4.00	115.00	460.00
Project Engineer	18.00	135.00	2,430.00
Principal Engineer	4.00	175.00	700.00
Subtotal	30.00		\$ 3,890.00

Total Labor Costs 3,890.00**REVISE WATER DIVERSION SPEC REQUIREMENT PER PCL'S ASSUMPTIONS (SEPTEMBER 2013)****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	2.00	75.00	150.00
Project Engineer	2.00	135.00	270.00
Subtotal	4.00		\$ 420.00

Total Labor Costs 420.00**REVIEW PCL ASSUMPTIONS LIST****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	8.00	135.00	1,080.00
Principal Engineer	2.00	175.00	350.00
Project Manager	2.00	140.00	280.00
Principal in Charge	4.00	189.00	756.00
Subtotal	16.00		\$ 2,466.00

Total Labor Costs 2,466.00

GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

REVISE EARTHWORK FILL SPECIFICATION PER PCL'S NON-STRUCTURAL FILL REQUESTS

Labor Costs

Labor Category

Project Engineer

Senior Engineer

Principal in Charge

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	8.00	135.00	1,080.00
Senior Engineer	8.00	165.00	1,320.00
Principal in Charge	2.00	189.00	378.00
Subtotal	18.00		\$ 2,778.00

Total Labor Costs 2,778.00

CONTROL BUILDING FOUNDATION COORDINATION/ALT DESIGN

Labor Costs

Labor Category

Project Engineer

Principal Engineer

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	18.00	135.00	2,430.00
Principal Engineer	16.00	175.00	2,800.00
Subtotal	34.00		\$ 5,230.00

Total Labor Costs 5,230.00

CONTROL BUILDING MATERIALS COORDINATION

Labor Costs

Labor Category

Project Engineer

Principal Engineer

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	8.00	135.00	1,080.00
Principal Engineer	4.00	175.00	700.00
Subtotal	12.00		\$ 1,780.00

Total Labor Costs 1,780.00

INSTRUMENTATION AND COMMUNICATION COORDINATION/OPTIONS

Labor Costs

Labor Category

Project Engineer

Principal Engineer

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	4.00	135.00	540.00
Principal Engineer	8.00	175.00	1,400.00
Subtotal	12.00		\$ 1,940.00

Total Labor Costs 1,940.00

BRAINSTORMING MEETINGS, COORDINATION MEETINGS AND GENERAL COORDINATION

Labor Costs

Labor Category

Project Engineer

Principal Engineer

Project Manager

Lead Design Engineer

Principal in Charge

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	30.00	135.00	4,050.00
Principal Engineer	40.00	175.00	7,000.00
Project Manager	20.00	140.00	2,800.00
Lead Design Engineer	4.00	185.00	740.00
Principal in Charge	20.00	189.00	3,780.00



GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

Subtotal	114.00	\$ 18,370.00
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Total Labor Costs	18,370.00
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CM@R COORDINATION WITH TEMPE, ADWR AND CM@R (JUNE 2014 THROUGH NOV 11 2014)**Labor Costs****Labor Category**

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Admin	12.00	75.00	900.00
Project Engineer	48.00	135.00	6,480.00
Project Manager	60.00	140.00	8,400.00
Principal in Charge	24.00	189.00	4,536.00
Subtotal	144.00		\$ 20,316.00

Total Labor Costs	20,316.00
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Total Sequence 27.0 -- CM@R COORDINATION AND PROJECT MANAGEMENT	\$ 172,064.00
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Total Reduced Fee Agreed to per D. Bessler's Nov 10, 2014 Email (minus \$21,580 for the Drilling Support)	\$ 130,000.00
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GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

20.0 -- PERMITTING (ADDITIONAL PERMITTING PACKAGES)**90% SITE PREPARATION PACKAGE FOR ADWR****Labor Costs****Labor Category****Hours****Rate****Amount**

Admin	20.00	75.00	1,500.00
GIS/CADD	20.00	75.00	1,500.00
Sr. GIS/CADD	40.00	115.00	4,600.00
Project Engineer	48.00	135.00	6,480.00
Senior Engineer	16.00	165.00	2,640.00
Project Manager	16.00	140.00	2,240.00
Principal in Charge	8.00	189.00	1,512.00

Subtotal	168.00		\$ 20,472.00
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Total Labor Costs			20,472.00
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Expenses

Printing + Delivery

100.00

Total Unit Costs			\$ 100.00
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90% FOUNDATION PACKAGE SUBMITTAL AND COMMENT RESOLUTION FOR ADWR**Labor Costs****Labor Category****Hours****Rate****Amount**

Admin	20.00	75.00	1,500.00
GIS/CADD	20.00	75.00	1,500.00
Sr. GIS/CADD	40.00	115.00	4,600.00
Project Engineer	56.00	135.00	7,560.00
Senior Engineer	16.00	165.00	2,640.00
Principal Engineer	8.00	175.00	1,400.00
Project Manager	16.00	140.00	2,240.00
Principal in Charge	8.00	189.00	1,512.00

Subtotal	184.00		\$ 22,952.00
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Total Labor Costs			22,952.00
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Expenses

Printing + Delivery

150.00

Total Unit Costs			\$ 150.00
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95% SITE PREPARATION PACKAGE FOR ADWR**Labor Costs****Labor Category****Hours****Rate****Amount**

Admin	10.00	75.00	750.00
GIS/CADD	10.00	75.00	750.00
Sr. GIS/CADD	20.00	115.00	2,300.00
Project Engineer	24.00	135.00	3,240.00

Senior Engineer	8.00	165.00	1,320.00
Project Manager	1.00	140.00	140.00
Principal in Charge	4.00	189.00	756.00
Subtotal	77.00		\$ 9,256.00

Total Labor Costs 9,256.00

Expenses

Printing + Delivery 100.00

Total Unit Costs \$ 100.00

95% FOUNDATION PACKAGE SUBMITTAL FOR ADWR

Labor Costs

Labor Category

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	10.00	75.00	750.00
GIS/CADD	10.00	75.00	750.00
Sr. GIS/CADD	20.00	115.00	2,300.00
Project Engineer	28.00	135.00	3,780.00
Senior Engineer	8.00	165.00	1,320.00
Principal Engineer	8.00	175.00	1,400.00
Project Manager	4.00	140.00	560.00
Principal in Charge	4.00	189.00	756.00
Subtotal	92.00		\$ 11,616.00

Total Labor Costs 11,616.00

Expenses

Printing + Delivery 150.00

Total Unit Costs \$ 150.00

SEPARATE FINAL PACKAGE FOR FCD

Labor Costs

Labor Category

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	20.00	75.00	1,500.00
GIS/CADD	10.00	75.00	750.00
Sr. GIS/CADD	20.00	115.00	2,300.00
Project Engineer	64.00	135.00	8,640.00
Senior Engineer	4.00	165.00	660.00
Principal Engineer	8.00	175.00	1,400.00
Project Manager	8.00	140.00	1,120.00
Principal in Charge	16.00	189.00	3,024.00
Subtotal	150.00		\$ 19,394.00

Total Labor Costs 19,394.00

Expenses

Printing + Delivery 200.00

Total Unit Costs \$ 200.00

FINAL SITE PREPARATION PACKAGE FOR ADWR**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	10.00	75.00	750.00
GIS/CADD	10.00	75.00	750.00
Sr. GIS/CADD	20.00	115.00	2,300.00
Project Engineer	24.00	135.00	3,240.00
Senior Engineer	4.00	165.00	660.00
Project Manager	1.00	140.00	140.00
Principal in Charge	4.00	189.00	756.00
Subtotal	73.00		\$ 8,596.00

Total Labor Costs 8,596.00

Expenses

Printing + Delivery	100.00
Total Unit Costs	\$ 100.00

95% FOUNDATION PACKAGE COMMENT RESOLUTION WITH ADWR**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	16.00	75.00	1,200.00
GIS/CADD	10.00	75.00	750.00
Project Engineer	60.00	135.00	8,100.00
Senior Engineer	56.00	165.00	9,240.00
Principal Engineer	18.00	175.00	3,150.00
Project Manager	60.00	140.00	8,400.00
Principal in Charge	20.00	189.00	3,780.00
Subtotal	240.00		\$ 34,620.00

Total Labor Costs 34,620.00

95% FOUNDATION PACKAGE COMMENT RESOLUTION WITH GEI**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	4.00	75.00	300.00
Project Engineer	10.00	135.00	1,350.00
Senior Engineer	38.00	165.00	6,270.00
Principal Engineer	4.00	175.00	700.00
Project Manager	12.00	140.00	1,680.00
Principal in Charge	4.00	189.00	756.00
Subtotal	72.00		\$ 11,056.00

Total Labor Costs 11,056.00

95% FOUNDATION PACKAGE COORDINATION MEETING AT ADWR (6/10/2014)**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	2.00	75.00	150.00
Project Engineer	4.00	135.00	540.00
Senior Engineer	4.00	165.00	660.00
Principal Engineer	4.00	175.00	700.00

Project Manager	6.00	140.00	840.00
Principal in Charge	4.00	189.00	756.00
Subtotal	24.00		\$ 3,646.00
Total Labor Costs			3,646.00

FOUNDATION PACKAGE COORDINATION WITH ADWR

Labor Costs

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	10.00	75.00	750.00
GIS/CADD	10.00	75.00	750.00
Sr. GIS/CADD	20.00	115.00	2,300.00
Project Engineer	24.00	135.00	3,240.00
Senior Engineer	4.00	165.00	660.00
Principal Engineer	4.00	175.00	700.00
Project Manager	2.00	140.00	280.00
Principal in Charge	4.00	189.00	756.00
Subtotal	78.00		\$ 9,436.00
Total Labor Costs			9,436.00

Expenses

Printing + Delivery	150.00
Total Unit Costs	\$ 150.00

FINAL FOUNDATION PACKAGE SUBMITTAL, COORDINATION, AND DISTRIBUTION

Labor Costs

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	22.00	75.00	1650.00
GIS/CADD	16.00	75.00	1,200.00
Sr. GIS/CADD	8.00	115.00	920.00
Project Manager	20.00	140.00	2,800.00
Principal in Charge	2.00	189.00	378.00
Subtotal	68.00		\$ 6,948.00
Total Labor Costs			6,948.00

Expenses

Printing + Delivery	950.00
Total Unit Costs	\$ 950.00

CONTROL BUILDING COLUMNS

Labor Costs

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	2.00	75.00	150.00
Sr. GIS/CADD	4.00	115.00	460.00
Senior Engineer	4.00	165.00	660.00
Project Manager	16.00	140.00	2,240.00
Subtotal	26.00		\$ 3,510.00
Total Labor Costs			3,510.00

CONTROL BUILDING PACKAGE AND DESIGN REPORT**Labor Costs****Labor Category**

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	2.00	75.00	150.00
GIS/CADD	4.00	75.00	300.00
Sr. GIS/CADD	8.00	115.00	920.00
Project Engineer	8.00	135.00	1,080.00
Senior Engineer	4.00	165.00	660.00
Project Manager	16.00	140.00	2,240.00
Principal in Charge	1.00	189.00	189.00
Subtotal	43.00		\$ 5,539.00

Total Labor Costs 5,539.00

Total Sequence 20.0 -- PERMITTING

\$ 168,941.00

Total Reduced Fee per Gannett Fleming's previous correspondence

\$ 100,000.00



GANNETT FLEMING, INC.

PHOENIX, AZ OFFICE

Invoice Date: August 14, 2015

Invoice No: 055656*23

Project: 055656 City of Tempe

20.0 -- PERMITTING**FINAL PERMITTING PACKAGE AND COMMENT RESOLUTION****Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	9.50	75.00	712.50
GIS/CADD	16.00	75.00	1,200.00
Project Engineer	34.00	135.00	4,590.00
Senior Engineer	57.00	165.00	9,405.00
Project Manager	36.00	140.00	5,040.00
Principal in Charge	12.00	189.00	2,268.00
Subtotal	164.50		\$ 23,215.50
Total Labor Costs			23,215.50

FINAL PACKAGE**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	55.50	75.00	4,162.50
GIS/CADD	9.00	75.00	675.00
Sr. GIS/CADD	2.00	115.00	230.00
Project Engineer	8.50	135.00	1,147.50
Project Manager	16.00	140.00	2,240.00
Principal in Charge	2.00	189.00	378.00
Subtotal	93.00		\$ 8,833.00
Total Labor Costs			8,833.00

Expenses

Printing + Delivery	2,170.79
Total Unit Costs	\$ 2,170.79

CONTROL BUILDING PACKAGE ASSEMBLY & COMMENT RESOLUTION**Labor Costs**

<u>Labor Category</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Admin	3.00	75.00	225.00
GIS/CADD	8.50	75.00	637.50
Sr. GIS/CADD	2.00	115.00	230.00
Project Engineer	8.00	135.00	1,080.00
Project Manager	7.00	140.00	980.00
Principal in Charge	1.00	189.00	189.00
Subtotal	29.50		\$ 3,341.50
Total Labor Costs			3,341.50

Expenses

Printing + Delivery	139.54
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Total Unit Costs \$ 139.54

Total Sequence 20.0 -- PERMITTING \$ 37,700.33

A handwritten signature in black ink, consisting of a stylized 'J' followed by a horizontal line and a small upward curve.



Vaghti, Stewart <svaghti@gfnet.com>

Meeting Follow Up

Bessler, Don <Don_Bessler@tempe.gov>

Mon, Nov 10, 2014 at 8:59 AM

To: Dean Durkee <ddurkee@gfnet.com>

Cc: "Goh, Andrew H.Y." <Andy_Goh@tempe.gov>, "Kabala, Chris" <Chris_Kabala@tempe.gov>, Stewart Vaghti <svaghti@gfnet.com>, "jderr@gfnet.com" <jderr@gfnet.com>

Dean and co.

Andy & I are reviewing your proposal for the \$151,580 but it generally looks agreeable and equitable and something I can support. Regarding Items 3 & 4 in your e-mail below, I agree with your suggestion to handle those separately. I am pleased that we are able to move past the initial disagreement and process your request for payment for the \$151,580.

Thanks

don

From: Dean Durkee [mailto:ddurkee@gfnet.com]

Sent: Friday, November 07, 2014 9:56 AM

To: Bessler, Don

Cc: Goh, Andrew H.Y.; Kabala, Chris; Stewart Vaghti; jderr@gfnet.com

Subject: Meeting Follow Up

Hi Don,

[Quoted text hidden]

A handwritten signature in black ink, appearing to be 'JH' or similar, located at the bottom right of the page.

Dean B. Durkee, Ph.D., P.E. Vice President
Gannett Fleming, INC
Re: Tempe Town Lake Dam Design Services
Date: June 8, 2014

Hello Dean,

We are in receipt of your three most recent e-mails about the Design Cost– Tempe Town Lake Dam Replacement Final Design meeting minutes and revised change order request. In your letter attached dated June 5th you indicated the following out of scope services:

- \$41,430 dollars' worth of outstanding work to be performed related to project management and coordination.
- \$73,120 dollars' worth of work for CM@R coordination
- \$21,580 dollars' worth of work for drilling support
- \$102,680 dollars' worth of additional services for splitting the submittal packages and permit reviews

While the additional information you provided in the cost breakdown table attached to your letter is helpful but it still did not adequately explain the following:

1. While you are correct that if the contract term is extended, it will cover a longer duration than originally anticipated. However, it is not clear to us what additional tasks are outside of the original scope that justifies the \$41,430 dollars' worth of work for additional project management and coordination, in your last e-mail you indicate both.
2. We still do not have detailed back up information for the \$73,120 dollars' worth of work for CM@R coordination that justify what deemed to be out of scope work that are either clearly spelled out in the contract or implied.
3. As far as the additional submittal packages goes, the original scope included preparation of 30%, 60%, 90% and Final design documents, of which the 90% and Final documents were for full sets. You indicated that the following packages were added to the scope to help expedite and facilitate the review process and allow PCL to begin early construction activities, and constitute out of scope work:
 - 90% Site Preparation Package
 - 90% Foundation Package
 - 95% Site Preparation Package
 - 95% Foundation Package
 - Early Final Package for FCD
 - Final Site Preparation Package

**CITY of
TEMPE**

DON BESSLER
Public Works Director
31 E 5th Street Tempe, AZ 85281
(480)350-8205


 **City of Tempe**
PUBLIC WORKS

Question: Wouldn't logic dictate that if the additional work was in splitting the 90% into Site Prep and Foundation packages that this should constitute a minimal incremental effort and that the City should receive credit for the whole of getting these items to the 90% level as a combined package? In your documentation you don't recognize any credit back to the city in this regard.

- By splitting the submittal to multiple submittals, what were the justifications for additional charges that were considered over and about the original scope? (Please list tasks and dollar amounts)?

Question: the 95%, Early Final seem to have been as a result of additional questions by ADWR related to your design work; why is the design generating numerous comments from the permitting agency that in turn drives up the cost of your submittals? Similar to the previous section, you are listing Final packages as out of scope, shouldn't the city receive credit for the base work required by the contract for a final package?

4. Drilling Support: No drilling support is included in the original scope-of-work; we agree with this request and that we directed the work of this scale to be completed. We will be processing your request for payment in the amount of \$19,730.
5. Please provide the scope of work and proposed fee for the Decommissioning Dam Safety Permit so that we may consider this information prior to making a determination to go forward at this time.

We are working on reviewing your change order request and will get back to you once we receive the requested additional information. Please consider this letter as an authorization to continue working on the foundation package to secure required foundation permit for this project; to that end, please send us weekly updates as to the additional cost associated with this effort.

Sincerely;

Don Bessler, Director of Public Works

CC: Jeff Kulaga, Assistant City Manager

Andy Goh P.E. Deputy Public Works Director/City Engineer

Chris Kabala P.E. Senior Civil Engineer

**CITY of
TEMPE**

DON BESSLER

Public Works Director

31 E 5th Street Tempe, AZ 85281

(480)350-8205


 **City of Tempe**
PUBLIC WORKS